

		DRMS Phase 1 Final Corrections Needed-Tables and Figures			11-24-09
DRMS Section	Page or Table	description	Correction 1	Correction 2	Revised Date:
2	2-2	Towards bottom right, should read "levee failures have flooded Delta islands and tracts 165 or 164 times (says 166 times) Fig 2-5	165	163*	
2	Figure 2-3	Long Point or "the other Ryer Island" is not labeled in the Suisun Marsh area			
2	Figure 2-4	Map showing islands reclaimed years. Ryer island records do not match other historical data on same island reclamation. Shows as yellow	Dark Green	Light Green	
4	4-9, 4-10, 4-16	V=frequency of occurrence confirms island inundation data used for calculations			
5	Figure 5-1	Map incorrect. Shows Grand Island southern tip as developed.	Color correction		
5	Figure 5-9	Map of Delta businesses. Snug Harbor not included, mission	Correction to include		
5	Figure 5-14	Map of Delta Island elevations. Does not appear to match previous Ryer Island data. Need verification before challenge			
6	6-23	Formula for seismic probability refers to soil type. Verify soil type against 1935 soils map for Ryer Island			
6	6-37c	Review data for Ryer Island to verify correct soil type used for calculations. Need verification before challenge			
6.	6-36	Ryer Island sandy material reference-compare to 1935 soil type and other Ryer Island records of levee construction. Map appears wrong	needed		
7	7-8	Top of page "since 1900 158 islands have flooded" does not match with section 2-2 nor historical data			
7	7-9	"in 1986 9 islands flooded" should read "8" since reference table lists Ryer Island, which did NOT flood in 1986.	To "8"		
7	Table 7-9a	Towards bottom: Lists Ryer Island as flooding in 1986. This is wrong. Lists 1904 and 1907 as Ryer flood incidents, but these dates are before current levee was built. Should say "2, 1 or 0" (see 7-9b)	2	0	
7	Table 7-9a, page 2	Total # of Delta Flooded Islands/Tracts says 158. Should be 157, 156 or 155	157	155	
7	Table 7-9b	Lists Ryer as flooding in 1907 and 1986 "since 1900", which verifies the use of "1" instead of "3" for Ryer Island flood history	1		

7	Figure 7-19	Map showing Ryer Island as having 3 historic inundations, when number should be 1 or 0	Color correction to white or light blue		
7	Figure 7-20	Map listing years and locations of levee failures. Lists 1986 Ryer Island failure location, even though Ryer Island did not flood and did not experience levee failure	Remove Ryer data from map		
7	Figure 7-21	Cumulative Number of Levee Failures 1900 to 2006 needs to be corrected to reflect Ryer island data	Correction needed		
7	Figure 7-22 a&b	Cumulative number of levee failures 1950 to 2006 needs to be corrected to reflect Ryer Island data	Correction needed		
7	Figure 7-27	Underseepage Vulnerability Classes-challenge map findings if soils types or sandy soil finding is verified as incorrect per 1935 soils map			
7	Figure 7-50	Map of Thickness of organic materials near levee toe. Verify data prior to challenge.			
7	Figure 7-71	Probability of failure versus vertical exit gradient for under seepage. Verify data prior to challenge.			
9	Figure 9-2	Locations of Levee Failures. Lists 1986 Ryer Island as flooded-incorrect.	Correction needed		
Appendix 12c	Page 11 and 23 of 24	Appears to list Ryer Island as having no risk of life loss even though US Census from 2000 indicates approximately 300 residents of Ryer Island	Verification needed		
Appendix 12B	Page 36 of 38	This table indicates Ryer Island has a day or night time population of between 1 and 16 persons, contrary to local knowledge and 2000 US Census that shows approximately 300 residents for Ryer Island	Verification needed		
13	Table 13-3	Challenge Ryer Island mean rate of failures, etc, due to incorrect underlying data use regarding flood history	Correction needed		
13	Table 13-6	Challenge Ryer Island failures calculations due to incorrect underlying data use regarding flood history	Correction needed		
13	Table 13-8	Challenge Ryer Island calculations due to incorrect underlying data use regarding flood history	Correction needed		
13	Figure 13-5	Table needs correction to summarize change due to Ryer Island data correction	Correction needed		
13	Figure 13-7	Map of mean Annual Frequency of Failure. Appears wrong as to Ryer Island, which should be light green, not dark green. The other Ryer Island	Correction needed to		

		is missing*	lt. green		
13	Figure 13a	Map of Mean Annual Frequency of Failure. Appears wrong for Ryer Island. Should be light green instead of Dark green	Correction to Ryer to lt. green		
13	Figure 13-16	Map of Mean Annual Frequency of Failure. Ryer Showing as 3-5% in yellow and should be in light green at <1% or Dark green if 1-3%	Correct Ryer to lt. green		
DRMS	Figure 5	Map labeled DRMS Geomorphic Review "Map of the Modern Delta" labels Steamboat Slough as the "Sacramento River"	Correct river names needed		
DRMS	Executive Summary	Phase 1 Executive Summary repeats totals from sections as noted above, so where those totals have changed to reflect Ryer Island data correction, the Executive Summary should also be corrected.	*		